

INTERNATIONAL SEARCH REPORT

International application No.
PCT/NO 2004/000325

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B66C 1/38, B66C 1/36 // F16B 45/02
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B66C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4416480 A1 (MOODY), 22 November 1983 (22.11.1983) --	1,4-9
X	DE 3938364 A1 (HOLSTE, DIETER), 23 May 1991 (23.05.1991), figures 1-6 --	1
X	WO 8607582 A1 (KONSTRUKTIONSTEKNIK I RAMNÄS AB), 31 December 1986 (31.12.1986), figures 1-5 --	1
X	US 4095833 A1 (LEWIS), 20 June 1978 (20.06.1978), figures 1-7 --	1

☒ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search
21 February 2005

Date of mailing of the international search report
22 -02- 2005

Name and mailing address of the ISA/
Swedish Patent Office
Box 5055, S-102 42 STOCKHOLM
Facsimile No. +46 8 666 02 86

Authorized officer
Mariana Eddin/EK
Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

International application No.
PCT/NO 2004/000325

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 3801483 A1 (SUDHOP, HELMUT), 3 August 1989 (03.08.1989), figures 1-6 -- -----	1

INTERNATIONAL SEARCH REPORT
Information on patent family members

30/01/2005

International application No.
PCT/NO 2004/000325

US	4416480	A1	22/11/1983	NONE		
DE	3938364	A1	23/05/1991	NONE		
WO	8607582	A1	31/12/1986	AU	5958186 A	13/01/1987
				EP	0259337 A	16/03/1988
				JP	63500029 T	07/01/1988
				NO	161904 B,C	03/07/1989
				NO	870565 A	12/02/1987
				SE	453074 B,C	11/01/1988
				SE	8503067 A	20/12/1986
				US	4767144 A	30/08/1988
US	4095833	A1	20/06/1978	CA	1066322 A	13/11/1979
				DE	2751098 A,C	01/06/1978
				FI	62516 B,C	30/09/1982
				FI	773432 A	19/05/1978
				NL	178958 B,C	16/01/1986
				NL	7712645 A	22/05/1978
				SE	433486 B,C	28/05/1984
				SE	7713056 A	19/05/1978
DE	3801483	A1	03/08/1989	NONE		